






Photosensor system and drive control method thereof

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Abstract of TW 466761 (B)

by performing pre-reading operation while changing the image reading sensitivity at a plurality of stages immediately before the start of normal reading operation of a subject image, calculates the absolute difference value between adjacent pixels of lightness data of the read image data, and sets as an optimal reading sensitivity an image reading sensitivity having a maximum absolute difference value among calculated absolute difference values in a photosensor system having a photosensor array constituted by two-dimensionally arraying a plurality of photosensors, a driver circuit for supplying a drive signal to the photosensors, and a controller for controlling reading operation of a subject image and sensitivity setting. Even when ambient light changes or the characteristics of the photosensor change, an optimal image reading sensitivity can be set in accordance with the changes.; Further, even when a position where the subject is placed in the detection area of the photosensor array offsets from a normal position in performing pre-reading operation, and the read image data contains a background pattern together with the subject image, a proper image reading sensitivity can be extracted and set without any influence of the background pattern. An image reading sensitivity setting method having high reliability can be provided.

